

EPA Official Record

Notes ID: 433049266074DB4A8525786900563023

From: "Rigassio-Smith, Anita" <Anita.Rigassio-Smith@jacobs.com>

To: Dave Dickerson/R1/USEPA/US@EPA

Copy To: ElaineT Stanley/R1/USEPA/US@EPA; "Mitkevicius, K C NAE" <K.C.Mitkevicius@usace.army.mil>; "Gouveia, Mark" <Mark.Gouveia@jacobs.com>; <maurice.beaudoin@usace.army.mil>; "Anderson, Michael \ (Boston)\ " <Michael.Anderson@jacobs.com>; <paul.g.l'heureux@usace.army.mil>; "Bob Leitch" <Robert.A.Leitch@usace.army.mil>; "Fox, Steve \ (New Bedford)\ " <Steve.Fox@jacobs.com>

Delivered Date: 02/14/2008 09:37 AM EDT

Subject: RE: Cost Estimate for CDF's A, B, and C and Requested Back-up

ATTACHMENT: Filter Cake into CDFs v7.pdf
Updated CDF estimate attached.

-----Original Message-----

From: dickerson.dave@epamail.epa.gov [mailto:dickerson.dave@epamail.epa.gov]
Sent: Wednesday, February 13, 2008 1:20 PM
To: Rigassio-Smith, Anita
Cc: stanley.elainet@epamail.epa.gov; Mitkevicius, K C NAE; Gouveia, Mark; maurice.beaudoin@usace.army.mil; Anderson, Michael (Boston); paul.g.l'heureux@usace.army.mil; Bob Leitch; Fox, Steve (New Bedford)
Subject: RE: Cost Estimate for CDF's A, B, and C and Requested Back-up

Thanks Anita - I guess I had forgotten that the CDF construction cost estimates include capping. Unless anyone else has any comments, the one last change I'd recommend is changing the title of the "Cost to Construct CDF" column on the first table to "Cost to Construct and Cap CDF". This way over the next year or so when others review this it'll be that much clearer.

Dave

"Rigassio-Smith, Anita" . <Anita.Rigassio- Smith@jacobs.com > "Mitkevicius, K C NAE" 02/13/2008 11:44 AM <Robert.A.Leitch@usace.army.mil>, <paul.g.l'heureux@usace.army.mil>	To Dave Dickerson/R1/USEPA/US@EPA, ElaineT Stanley/R1/USEPA/US@EPA, <K.C.Mitkevicius@usace.army.mil>, "Bob Leitch"
---	--

,
<maurice.beaudoin@usace.army.mil>
cc
"Fox, Steve \ (New Bedford\)"
<Steve.Fox@jacobs.com>, "Gouveia,
Mark" <Mark.Gouveia@jacobs.com>,
"Anderson, Michael \ (Boston\)"
<Michael.Anderson@jacobs.com>
Subject
RE: Cost Estimate for CDF's A, B,
and C and Requested Back-up

Dave,

The changes were made as indicated in responses following each comment
(see
below). Revised tables are attached.

Anita

-----Original Message-----

From: Fox, Steve (New Bedford)
Sent: Monday, February 11, 2008 2:26 PM
To: Rigassio-Smith, Anita; Gouveia, Mark
Subject: FW: Cost Estimate for CDF's A, B, and C and Requested Back-up

Hi Anita and Mark,

Please see Dave's comments below.

Thanks,

Steve

-----Original Message-----

From: dickerson.dave@epamail.epa.gov
[mailto:dickerson.dave@epamail.epa.gov]
Sent: Monday, February 11, 2008 12:29 PM
To: Fox, Steve (New Bedford)
Cc: stanley.elainet@epamail.epa.gov; Mitkevicius, K C; Gouveia, Mark;
maurice.beaudoin@usace.army.mil; Bob Leitch;
paul.g.l'heureux@usace.army.mil
Subject: Re: Cost Estimate for CDF's A, B, and C and Requested Back-up

Thanks Steve - this looks good. Just a few editorial clarifications

for the record and we should be done with this one:

1. "Cost to Place Cake into CDFs"

a. In the summary section below the three tables, it looks like "Equipment" and "Labor" need to be switched (i.e., equipment costs are \$83,711, and labor costs are \$484,394, not the other way around).

RESPONSE: Correction made.

b. somewhere it should be clarified that this is based on 15,000 tons per year. Perhaps in the existing "Note" near the bottom of the page or as a line item next to the \$49.74 unit rate.

RESPONSE: Note now reads, "Note: This cost represents the cost to place cake in a CDF for one season (approximately 15,000 cy). It does not represent the full volume capacity of the CDFs."

2. "CDF Disposal v. Offsite Rail..."

a. suggest using numbered foot notes instead of the asterisks

RESPONSE: Notes are now numbered.

b. 3rd footnote: suggest editing this to read as "does not include labor and equipment to fill CDFs"

RESPONSE: Change made.

c. suggest adding a new 4th footnote for the "CDF Fill Rate" column that would read as "per JE 2/7/08 estimate for filling CDFs"

RESPONSE: Footnote added, as suggested.

d. with a new 4th footnote, the existing 4th and 5th footnote would become the 5th and 6th footnote

RESPONSE: Change made.

e. the new 5th footnote (previously the 4th footnote) should be expanded to read as: "includes cost to fill CDFs at \$53/ton, does not include costs for storm water management, truck decon, air monitoring, capping or long term O&M at each CDF"

RESPONSE: Footnote revised as suggested EXCEPT "capping" was not included in the note as not included in the costs, since the NAE construction costs include capping of each CDF.

f. we should make sure that the various costs are all in "same year" dollars (i.e., CDF construction, CDF filling, T&D). I think they are all in 2007 dollars put lets double check (especially the CDF const.

costs).

RESPONSE: Verified with NAE that all costs are 2007 dollars. No change needed.

I think thats it!

Dave

"Fox, Steve
\
Bedford\)"
<Steve.Fox@jacobs.com>
"Mitkevicius, K C"
02/08/2008 06:11 PM
<Robert.A.Leitch@usace.army.mil>,
<maurice.beaudoin@usace.army.mil>,
"Gouveia, Mark"
<Mark.Gouveia@jacobs.com>
cc

To
Dave Dickerson/R1/USEPA/US@EPA,
ElaineT Stanley/R1/USEPA/US@EPA,
<K.C.Mitkevicius@nae02.usace.army.mil>, "Bob Leitch"

Subject
Cost Estimate for CDF's A, B, and
C and Requested Back-up

Hi Dave,

As requested during the weekly call, please find attached the revised Cost Comparison Table presenting disposal of filter cake in the proposed CDF's A, B, and C versus Offsite T&D disposal of the filter cake. Paul has reviewed the table before distribution.

These tables were presented during the 31 January meeting between the EPA, NAE, and Jacobs at the Site. During the meeting, a handwritten summary of the costs to place filter cake into CDFs was also presented. We have summarized these costs in the attached table as well. Please call either Mark or I if you have any questions.

Thanks,

Steve Fox

Project Manager
Jacobs Engineering
New Bedford Harbor Superfund Site
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New Bedford, MA 02746
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- Filter Cake into CDFs v7.pdf